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PA - (KANE ) KANEBO LTD

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AB - J07173151 Diarylethene compound(s) of formula (I) is new. A, B = aryl, heteroaryl; R1, R3 = alkyl; R2, R4 = H, alkyl, dialkylamino, cyano, nitro, alkoxy; l, m = 0-2; and n = 2-5. Optical write and read process using (I)-contg. optical memory material (II) comprises: (1) optical write into (II) using visible light; and (2) optical read from (II) using visible light at a temp. lower than that of optical write by 40 deg. C or more.

- USE - (I) is useful as optical memory material.

- ADVANTAGE - (I) has photochromic property, good optical durability, stability, sensitivity to semiconductor laser and large molecular absorption coefficient.

- (Dwg.0/7)

CN - 9536-C2201-N

IW - NOVEL DI ARYL ETHYLENE COMPOUND USEFUL OPTICAL MEMORY MATERIAL OPTICAL  
DURABLE SENSITIVE SEMICONDUCTOR LASER OPTICAL WRITING READ PROP  
OPTICAL MEMORY MATERIAL

IKW - NOVEL DI ARYL ETHYLENE COMPOUND USEFUL OPTICAL MEMORY MATERIAL OPTICAL  
DURABLE SENSITIVE SEMICONDUCTOR LASER OPTICAL WRITING READ PROP  
OPTICAL MEMORY MATERIAL

NC - 001

OPD - 1992-12-02

ORD - 1995-07-11

PAW - (KANE ) KANEBO LTD

TI - Novel di:aryl:ethene cpds. useful as optical memory material - having  
good optical durability, sensitivity to semiconductor laser, and  
optical write and read props in optical memory material